

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Complete if Known Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Sheet 1 of 1		to be assigned July 17, 2003 Junya Akasaka 21334-1241	

U. S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Sub-Class	Filing Date
AG	AA	6,039,587	03/21/00	Oguchi			09/18/98
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						

FOREIGN PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Country	Class	Sub-Class	TRNS Y/N
AG	AS	8(1996)-7980	01/12/96	JAPAN			N
AG	AT	2000-223211	08/11/00	JAPAN			N
	AU						
	AV						
	AW						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
AX	
AY	
AZ	

Examiner Signature	Alex Gilman	Date Considered	06/22/04
--------------------	-------------	-----------------	----------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.